Behavioural Intention to Use Learning Management System (LMS) among Postgraduate Students: An Application of Utaut Model

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Abstract : The study was conducted to examine the relationship between selected factors (performance expectancy, effort expectancy, social influence and facilitating condition) and students' intention to use the learning management system (LMS), as well as investigating the factors predicting students' intention to use the LMS. The study was specifically conducted at the Faculty of Educational Study of University Putra Malaysia. Questionnaires were distributed to 277 respondents using a random sampling technique. SPSS Version 22 was employed in analyzing the data; the findings of this study indicated that performance expectancy ($r = .69$, $p < .01$), effort expectancy ($r=.60$, $p < .01$), social influence ($r = .61$, $p < .01$), and facilitating condition ($r=.42$, $p < .01$), were significantly related to students' intention to use the LMS. In addition, the result also revealed that performance expectancy ($\beta = .436$, $p < .05$), social influence ($\beta=.232$, $p < .05$), and effort expectancy ($\beta = .193$, $p < .05$) were strong predictors of students' intention to use the LMS. The analysis further indicated that ($R2$) is 0.054 which means that 54% of variation in the dependent variable is explained by the entire predictor variables entered into the regression model. Understanding the factors that affect students' intention to use the LMS could help the lecturers, LMS managers and university management to develop the policies that may attract students to use the LMS.